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ABSTRACT

Educational specifications for a physical plant facility for trainable mentally handicapped children (for Duval County, Florida schools) are detailed in the document. Goals, objectives, and program content and activities (for primary, intermediate, preoccupational and family living levels) are outlined, including furniture and equipment listings, and special considerations for each level. Diagrams and floor plans for the plant facility are included. (CD)

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DUVAL COUNTY SCHOOLS

EDUCATIONAL SPECIFICATIONS FOR PHYSICAL PLANT

EXCEPTIONAL CHILD CENTER

FACILITY FOR TRAINABLE MENTALLY RETARDED

Funded for the Exceptional Child Education Program under Section 3, Chapter 68-23 Laws of Florida and approved by the State Board of Education, February 4, 1969.

EC031262E

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April 18, 1969

Revised and Amended

July 8, 1969

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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EDUCATIONAL SPECIFICATIONS FOR THE EXCEPTIONAL CHILD CENTER

Facility for Trainable Mentally Retarded

I. PHILOSOPHY

The philosophy of the training program for the child who is moderately to severely mentally handicapped is to help each boy and girl develop to the maximum of his or her potential. Such a program will enable these boys and girls to become accepted citizens in our society.

A. As described in Mental Retardation Activities of the U. S. Department of Health, Education and Welfare, the developmental characteristics of the child who is moderately mentally retarded are:

1. at pre-school age - can talk or learn to communicate; poor social awareness; fair motor development; profits from training in self-help; can be managed with moderate supervision.

2. at school age - can profit from training in social and occupational skills; unlikely to progress beyond second grade level in academic subjects; may learn to travel alone in familiar places.

3. as an adult - may achieve self-maintenance in unskilled or semiskilled work under sheltered conditions; needs supervision and guidance when under mild social or economic stress.

B. For the child who is severely mentally retarded the developmental characteristics are described as:

1. at pre-school age - poor motor development; speech is minimal; generally unable to profit from training in self-help; little or no communication skills.

2. at school age - can talk or learn to communicate; can be trained in elemental health habits; profits from systematic habit training.

3. as an adult - may contribute partially to self-maintenance under complete supervision; can develop self-protection skills to a minimal useful level in controlled environment.

II. GOALS

The general goal of the Trainable Mentally Retarded Program is to prepare each child, through a sequential development of training, for occupation in a workshop, where, under supervision, he will be able to function satisfactorily and contribute as a participating (limited as that may be) member of the community.

A. Specific goals of the Trainable Mentally Retarded program include:

1. development of large and small muscles that must necessarily function in order to provide motor coordination for performing manipulative tasks.

2. development of a sound body through proper diet, rest, exercise, and good health habits.

3. development of proper attitudes that each child must have for a healthy, wholesome outlook on life.

4. development of communication, group experience, awareness of and interest in environment, responsibility, respect for the rights and property of others, so that each child may become socially adequate in his environment.

5. development, through planned situations and circumstances, of each child's mental responses and reactions which will enable him to make correct decisions and to use good judgment in crises.

6. development of concepts and skills that will insure the child's ability to be successfully involved with (by the time

he is ready for the workshop) basic monetary value measurements, safety signs and other public signs, telling time, reading work charts.

III. OBJECTIVES

The general objectives of the Trainable Mentally Retarded program are those steps along the way toward reaching each of the six goals listed above. They are obtained by dividing the year's work into 9 problems of daily living:

Body Cares
People
Foods
Sharing, Loving, Giving
Shelters and Physical Environment
Communications
Transportation
Clothing
Living Things: Plants and Animals

A. The specific objectives are incorporated into these 9 problems of daily living. For example, in September when we study Body Cares we break it down into:

Identity of Parts of Body
How We Keep Clean and Healthy
Things We Use to Keep Clean and Healthy

B. Each of these entails detailed objectives:

1. we must know that we bathe our bodies, and we must learn how to do a good job of bathing bodies using soap and warm water in a bath tub with plenty of scrubbing (if we have a tub).

2. we must know that we brush our teeth so we won't have cavities, and we must learn how to brush our teeth correctly and with toothbrush and toothpaste and at least twice a day.

C. The detailed lists of skills for each level of the program will provide the precise objectives of the complete sequence of development.

D. The methods used for obtaining these goals and objectives are many and varied. Each child will be exposed to various methods and systems of training and education so that he may, through reinforcement and concerted effort, succeed in reaching

the goals by hurdling the objectives along the way.

IV. PROGRAM CONTENT AND ACTIVITIES

The daily schedule in the program for trainable mentally retarded children and youths includes:

Speech and Language development
Number concepts
Simple science experiments
Music
Arts and crafts or shop
Occupational tasks
Physical Education
Leisure time activities or rest
Evaluation - no day should end without group talk about "what did we do today?"

A. Primary I

The Primary I children will engage in "housekeeping," tricycle riding, wagon pulling; they will be using a three-step staircase, a balance beam, a crawl tunnel and various muscle-building devices. They will bounce, throw, toss, catch and dribble an 8" to 10" utility ball. They will "pick out and put in" pieces of wood puzzles, string beads, put in and take out pegs on pegboards. The children will color simple outlined pictures and paste basic pictures on background paper. They will practice dressing skills; buttoning and unbuttoning, zipping and unzipping, snapping and unsnapping, tying and untying, etc. They will engage in a variety of music activities - action songs, marching, rhythm band, etc. They will use a combination sand-water table for developing, through play, a variety of concepts and skills. For them, emphasis will also be on learning to share toys and teacher, on taking turns at work and play, on listening to and obeying commands, on listening to and following directions. They will be trained to function well in a group situation. There are 97 basic skills that the six year old children will work on throughout the year. Some must be trained to suck through a straw, to chew, to swallow. Other skills listed include turning on and turning off a faucet, flushing a toilet, and basic skills in all areas of development. Some children cannot even walk well -- they work at walking, running, skipping, hopping.

They will rest on cots so must have ample space for cots during nap time.

The Primary I classroom spaces must be adequate to include many centers of activity as explained above. Walk-in storage closets will house the large pieces of equipment, and the materials and supplies. Bathrooms will be adjacent to learning spaces. Sink with drinking spigot is necessity in classroom. Carpeting in at least half of the room.

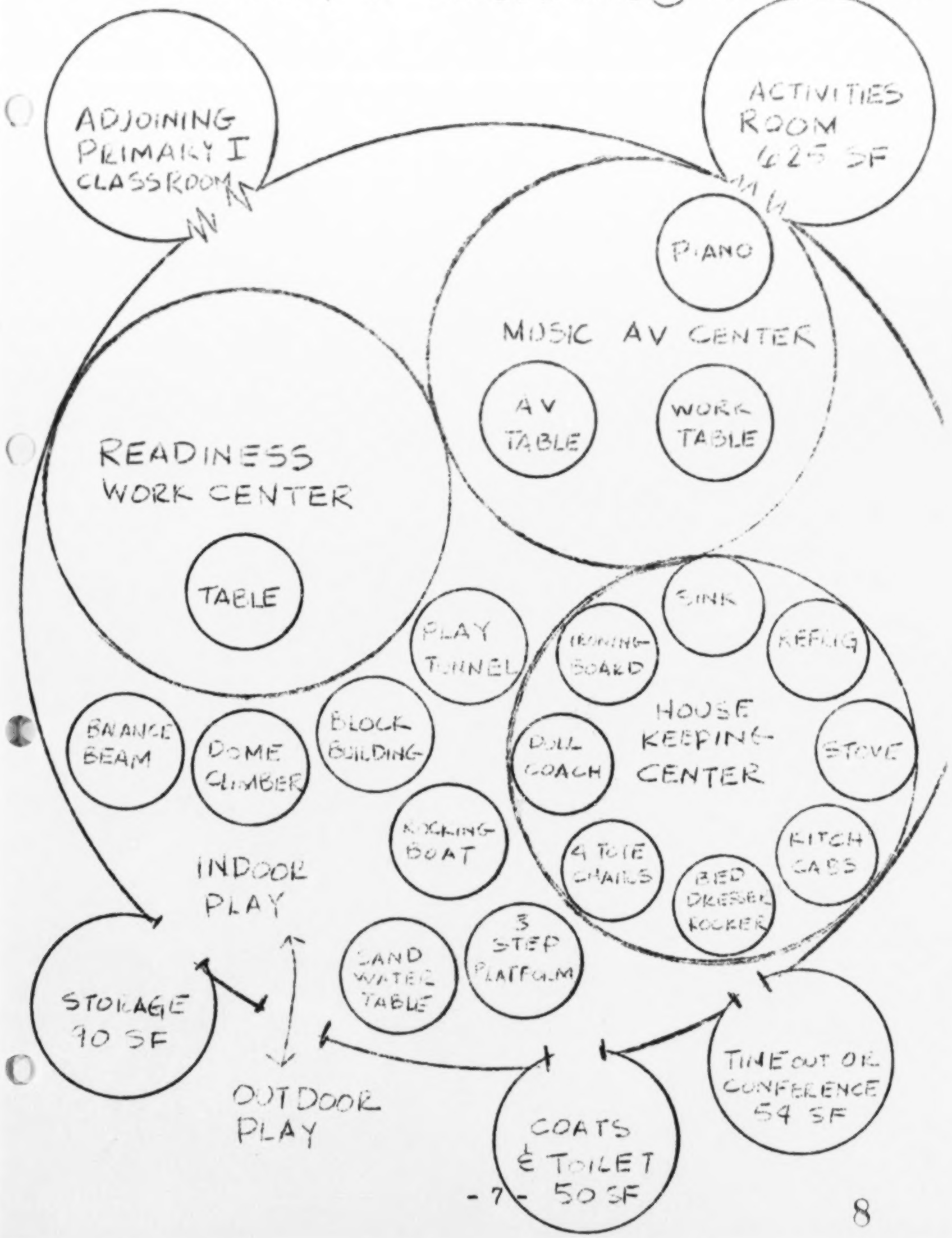
Furniture and Equipment for 2 Primary I Rooms

Code: Classroom - general use
Centers - specific use
Closet - storage for (mostly) shared items

2	chart racks - work centers
2	rods for coat hangers - coat closets
2	rush rockers - housekeeping centers
8	tote chairs - housekeeping centers
2	built-in measuring sticks - wall
2	flags/holders - wall
16	cots - put down in play center
2	puzzle cabinets - closet
16	primary chairs - classrooms
1	riding train - outdoor play areas
2	wood doll coaches - housekeeping centers
2	play kitchens - housekeeping centers
2	play bedrooms - housekeeping centers
	rhythm instruments - Music - A. V. centers
2	teacher desks - classrooms
4	upholstered chairs - classrooms
2	half-circle tables - readiness work centers
4	filing cabinets - T-P conference rooms
2	toddler block sets - indoor play areas
2	balance boards - indoor play areas
2	balance beams - indoor play areas
2	3-step platforms - indoor play areas
2	rocking boats - indoor play areas
2	record players - music centers
1	bird cage - share
2	filmstrip previewers - Music-AV centers
1	filmstrip cabinet - closet (share)
1	record cabinet - closet (share)
1	playhouse - out play areas (share)
	wagons - in/out play areas
	tricycles - in/out play areas
1	slide camera - closet (share)
11	carousel projector - closet (share)
2	play tunnels - indoor play areas
1	filmstrip projector - closet (share)
4	waste baskets - classrooms
2	painting easels - in/out play areas

2	library tables - Music AV center
	variplay triangle set - outdoor play areas
	pegboard screen - readiness work centers
1	inside/patio slide - in/out play areas
2	flannel boards - readiness work centers
	tape recorders - Music-AV centers
	wall thermometers
1	paper cutter 18 x 18 - closet (share)
2	dome climbers - in/out play areas
2	child size mannequins - closet (share)
2	projection tables - Music - AV centers

2 PRIMARY I CLASSROOMS @ 720 SQ FT EACH



B. Primary II

The Primary II classroom spaces must provide for an expanded program over that of the Primary I Level. The seven and eight year old children are exposed to a curriculum that has as its goals:

1. to make the children aware of and interested in their environment through live and vicarious experiences

2. to enable them to understand the difference between right and wrong, and have a desire to do what is right -- using concrete re-inforced experiences

3. to enable the children to become increasingly independent of parents, teachers and others in caring for their own needs and wants, and to initiate responsibility in the children that they may help others in a reliable manner.

Special Considerations:

1. Audio-visual Center

   extensive use of audio-visual equipment and materials such as record players, tape recorder, filmstrip projector, sound film projector, filmstrip previewer (for individual use), overhead projector, etc.

2. Shop Center

   there should be simple shop equipment adequate in size and manipular operation for these youngsters who will be introduced to identification and use of hammer, straight saw, screw driver; small work benches with vises, tools and tool cabinets. Many motor skills are involved; completed tasks are not expected to include "finished products"

3. Music Center

   including a piano, small organ, rhythm band instruments, record player and various kinds of records (listening records, action records, rhythm band records, etc.)

4. Nature (or Science) Center

   where animal pets will be housed for the children to observe, feed and enjoy

5. Art Center

where children will build on motor skills, social skills, emotional skills and mental skills while creating and developing concepts of shapes, sizes, colors (include easels, puppets - here, again, we are learning to use the "tools" and are not expected to come up with a "finished product" such as a puppet theater show -- the children are working with puppets to learn how we use them)

6. Work Center

where children will engage in structured readiness work, number concepts, science experiments, writing skills, cutting skills, pasting skills, etc.

7. Play Center

where the children will erect buildings with large light-weight wood blocks, or engage themselves with small building sets, games, put-together and take-apart toys and devices (emphasis again on motor, social and mental skills), and play "grown-ups" with costuming, etc.

Include large walk-in storage space for equipment, materials and supplies not in use. Include bathrooms adjacent to each classroom space. Include carpeting except for art area. Include counter space adjacent to child height sink.

An activities room shall be adjacent to and opening into each of the Primary I and Primary II classrooms. In this room, all four groups, or any smaller number of children, may assemble for audio-visual, music, dramatic or story-telling activity. This room shall have a carpeted "well" which will accomodate for seating the full complement of children housed in the four classrooms. The only permanent equipment in this room will be:

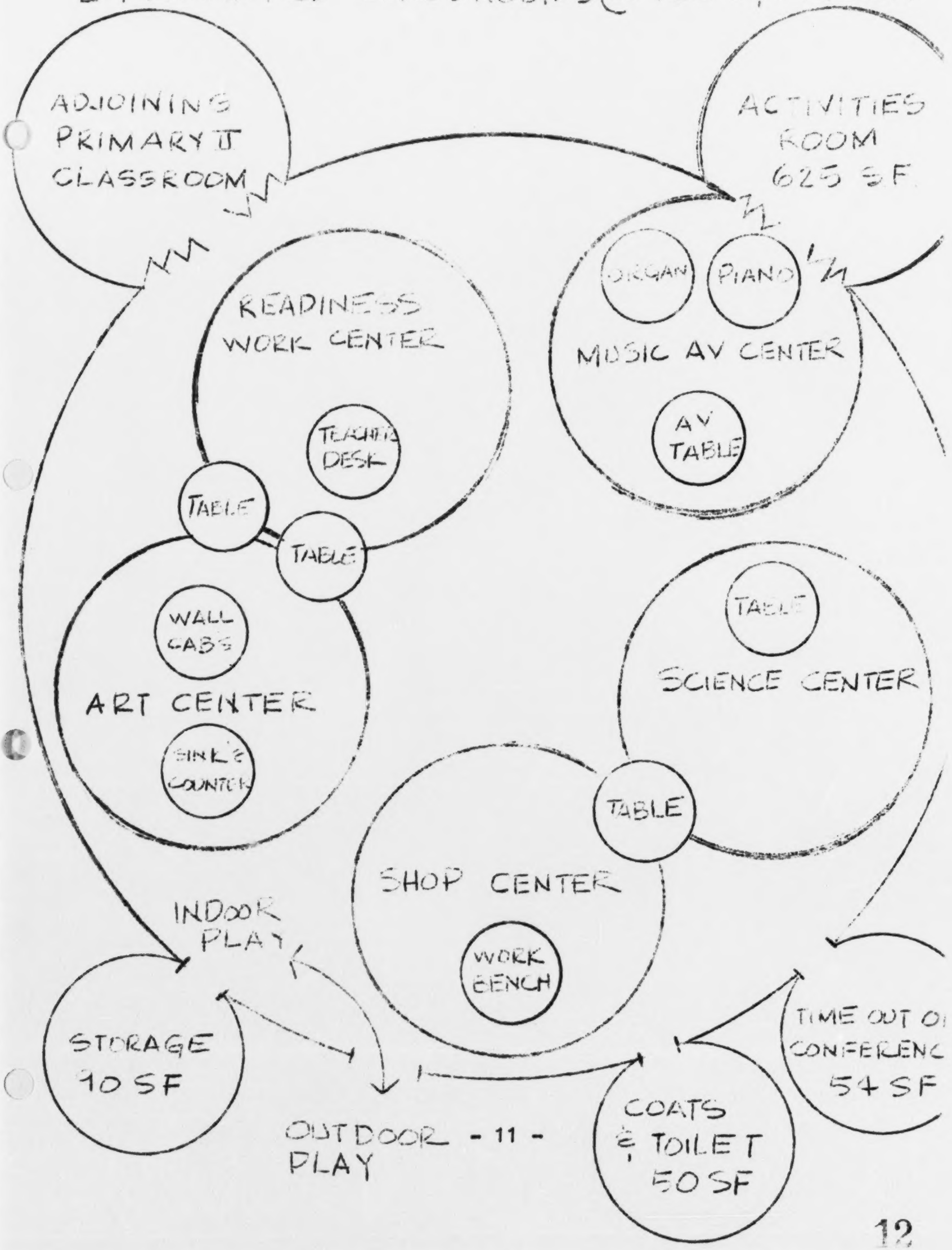
1 movie screen with tripod
1 sound movie projector on stand

Furniture and Equipment for 2 Primary Rooms

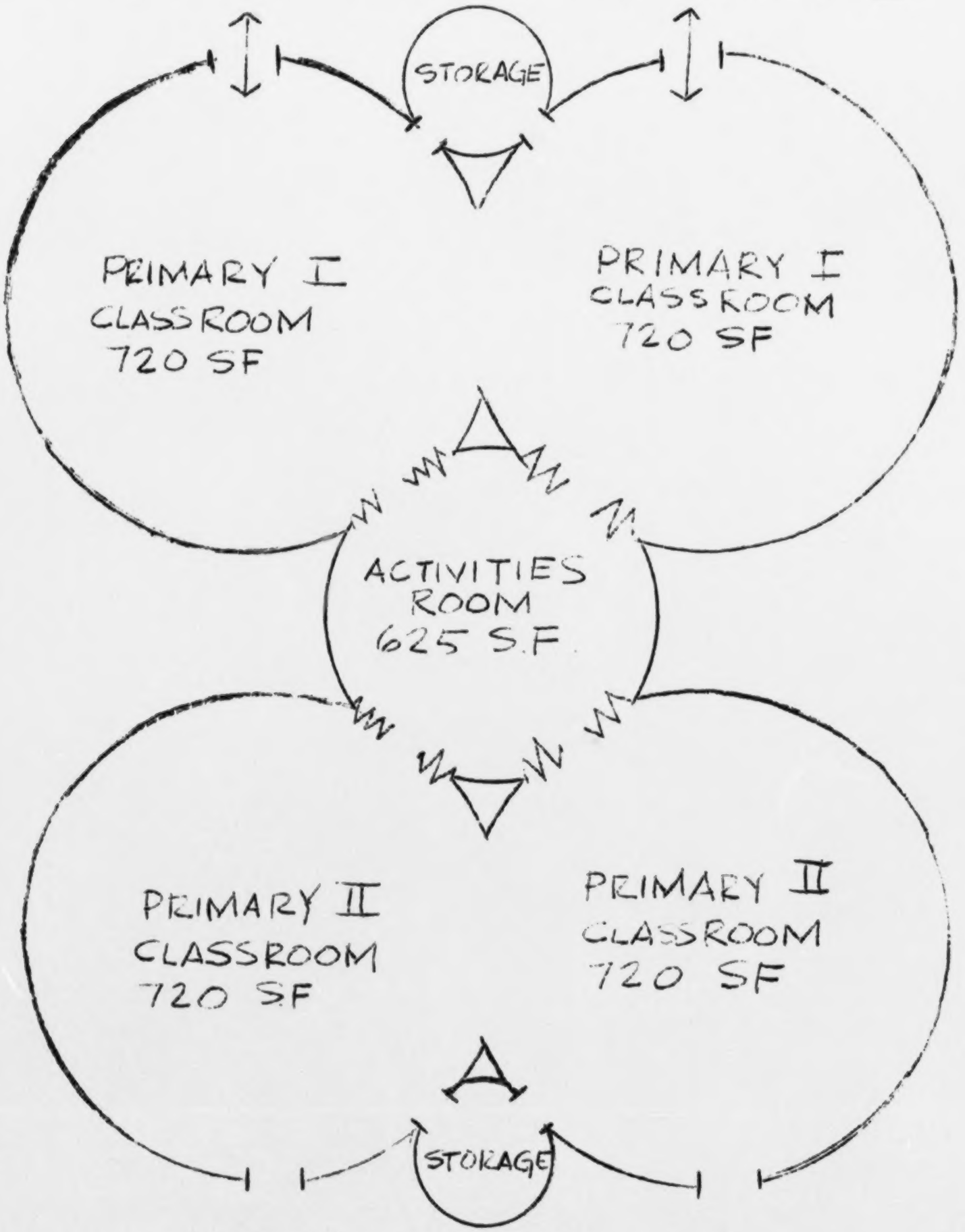
Code: Classroom - general use
Centers - specific use
Closet - storage for (mostly) shared items

2	chart racks - work centers
2	rods for coat hangers - coat closets
1	rush rocker - play center (share)
8	tote chairs - play center
2	built-in measuring sticks - wall
2	flags/holders - wall
24	cots - put down in play center
2	puzzle cabinets - closets
24	Primary chairs - classrooms
2	workbenches 24" high - shop center
1	wood doll coach - play center (share)
1	play kitchen - play center (share)
1	play bedroom - play center (share)
2	rhythm band sets - music centers
2	teacher desk - classroom
4	upholstered chairs
4	library tables - work centers
2	filing cabinets - T-P conference room
1	aquarium - science center (share)
1	hamster cage - science center (share)
2	record players - music center
1	bird cage - science center (share)
2	filmstrip previewers - Music AV center
1	filmstrip cabinet - closet (share)
1	record cabinet - closet (share)
1	electric duplicator - closet (share)
1	overhead projector - Music AV center/closet
	wagons - in/out play areas
	tricycles - in/out play areas
1	slide camera - closet (share)
2	sets tools in tool cabinet - shop centers
1	carousel projector - closet (share)
4	waste baskets - classroom
1	filmstrip projector (share) - closet
2	pegboard screen (share) - closet
1	radio (share) - closet
2	tape recorders - Music AV center
2	flannel boards - work centers
	wall thermometers
1	paper cutter 18 x 18 - closet (share)
2	dome climbers - in/out play areas
	puppets - classroom
2	painting easels - art centers
2	small organs - Music AV center
1	piano (share) Music AV center
4	round library tables - Science centers

2 PRIMARY II CLASSROOMS @ 720 SQ FT EACH



PRIMARY PAVILION — 4,556 SQ FT


OUTSIDE TEACHING AND PLAY - PRIMARY I
STORAGE
PRIMARY I CLASSROOM 720 SF
PRIMARY I CLASSROOM 720 SF
ACTIVITIES ROOM 625 S.F.
PRIMARY II CLASSROOM 720 S.F
PRIMARY II CLASSROOM 720 SF
STORAGE
OUTSIDE TEACHING AND PLAY - PRIMARY II

C. Intermediate I

Intermediate I is the next level of training in all six areas of skills and in concept building. In this program, the curriculum stresses increasing independence and responsibility. Children at this level are trained to carry out commands or tasks involving up to three steps (or parts). Sequence and order are major factors. Relationships, association, similarities and differences -- all of these processes involving mental skills are a part of the curriculum.

At this level of development, the children should not only be aware of and interested in the world about us, but should become actively involved in their environment.

Special Considerations:

1. Science Center

   here they would plant seeds and care for them until they have matured so that they would, in fact, have carried a task through to the "finished product."

2. Shop Center

   here, again, they would expand upon the motor skills they had acquired at the Primary level and now would complete simple objects of construction (mental skills and academic skills being included to determine shapes, sizes, measurements)

3. Audio-visual Center (same as Primary Level)

4. Music Center

   piano, small organ, rhythm band instruments, record player, records, musical instruments such as: autoharp, tonettes

5. Art Center

   puppets and puppet theater, 2 easels, table for clay work and other hand crafts (these children will give a finished production, or produce finished simple craft objects)

6. Work Center (same as Primary Level)

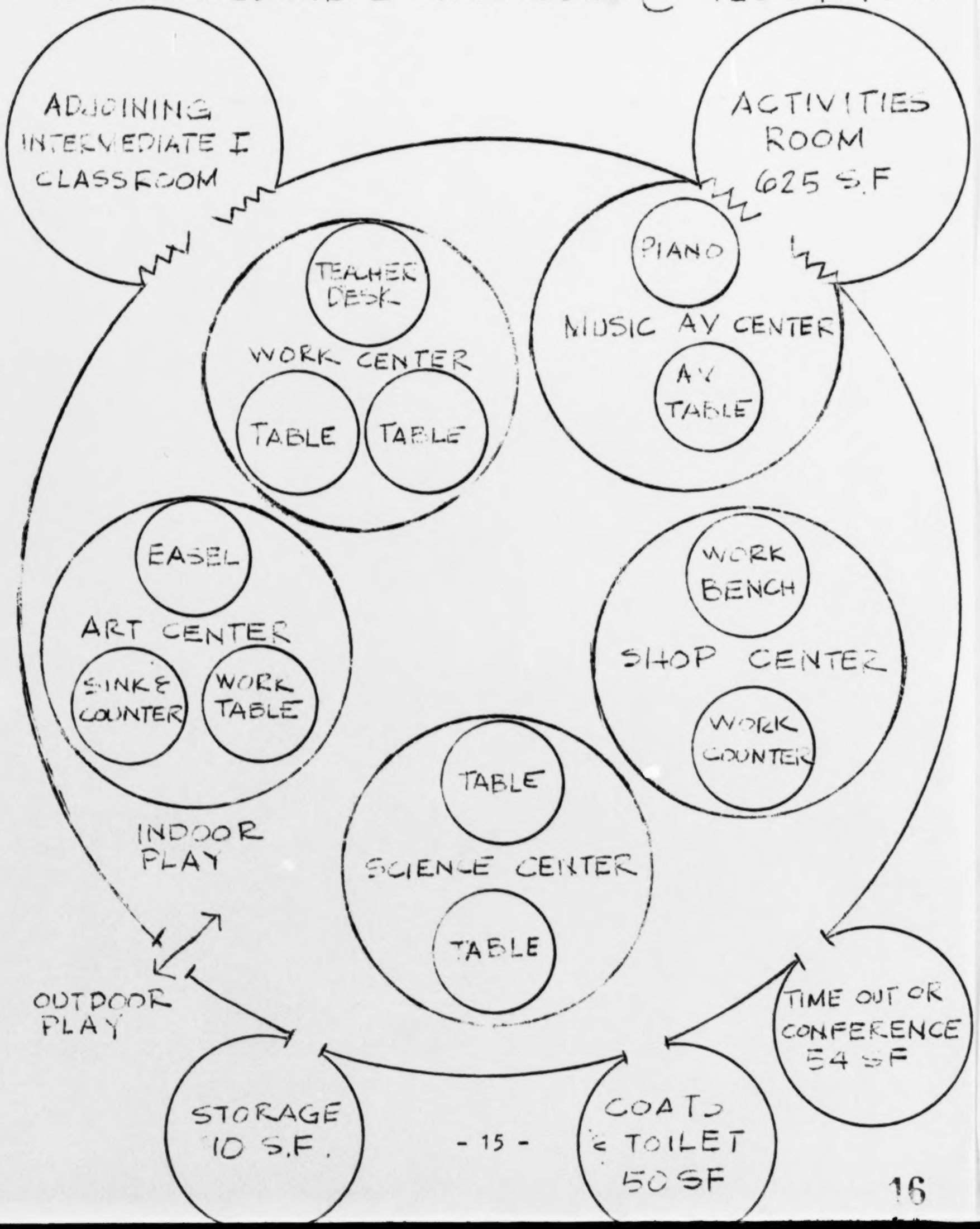
7. Play Center

creative play and leisure activities will include bowling, building, looking at books, playing "grown-up" and many of the activities as at Primary Level.

Furniture & Equipment for 2 Intermediate I Rooms

2 chart racks - work centers
24 cots - closets
2 flannel boards - work centers
24 student chairs - classrooms
2 bookcases - classrooms
2 filing cabinets - closet
8 library tables - classrooms
2 flags/holders - wall
2 built-in 6' measuring sticks - wall
2 pegboard screens - work centers
2 27" workbenches - shop centers
2 tape recorders - Music AV centers
2 coat rods for hangers - coat closets
2 record players - Music AV centers
2 set tools with cabinets - shop centers
2 puzzle cabinets - closet
1 slide camera - closet
1 paper cutter - closet
1 radio - closet
wall thermometers
2 filmstrip previewers - Music AV centers
1 overhead projector - closet
1 filmstrip projector - closet
1 carousel slide projector - closet
1 filmstrip cabinet - closet
1 record cabinet - closet
1 tape cabinet - closet
1 bird cage - closet
2 autoharps - closet
1 piano - (share) Music AV center
2 easels - art centers
2 work tables - art centers
1 teacher desk - classroom
2 upholstered chairs - classroom
2 bookcases - classroom
2 rhythm band sets
kleenex dispensers in wall
2 projector tables

2 INTERMEDIATE I CLASSROOMS @ 720 SQ FT EACH



D. Intermediate II

Intermediate II is a continuation and expansion of the program for the beginning Intermediate Level children. The intent now is for the child to have increased time blocks for tasks, since his tolerance level and his attention span have been lengthened. He is now expected to have an understanding of how to use his leisure time, how to react to situations which the teacher will purposely include in the curriculum, and to actively and voluntarily participate in all group and individual tasks and activities.

Special Considerations:

The centers of interest will be the same as for Intermediate I:

1. Science Center
2. Shop Center
3. Audio-visual Center
4. Music Center
5. Art Center
6. Work Center
7. Play Center

(Adjoining bathrooms, carpeting, sink with drinking spigot and counter space, walk-in closet)

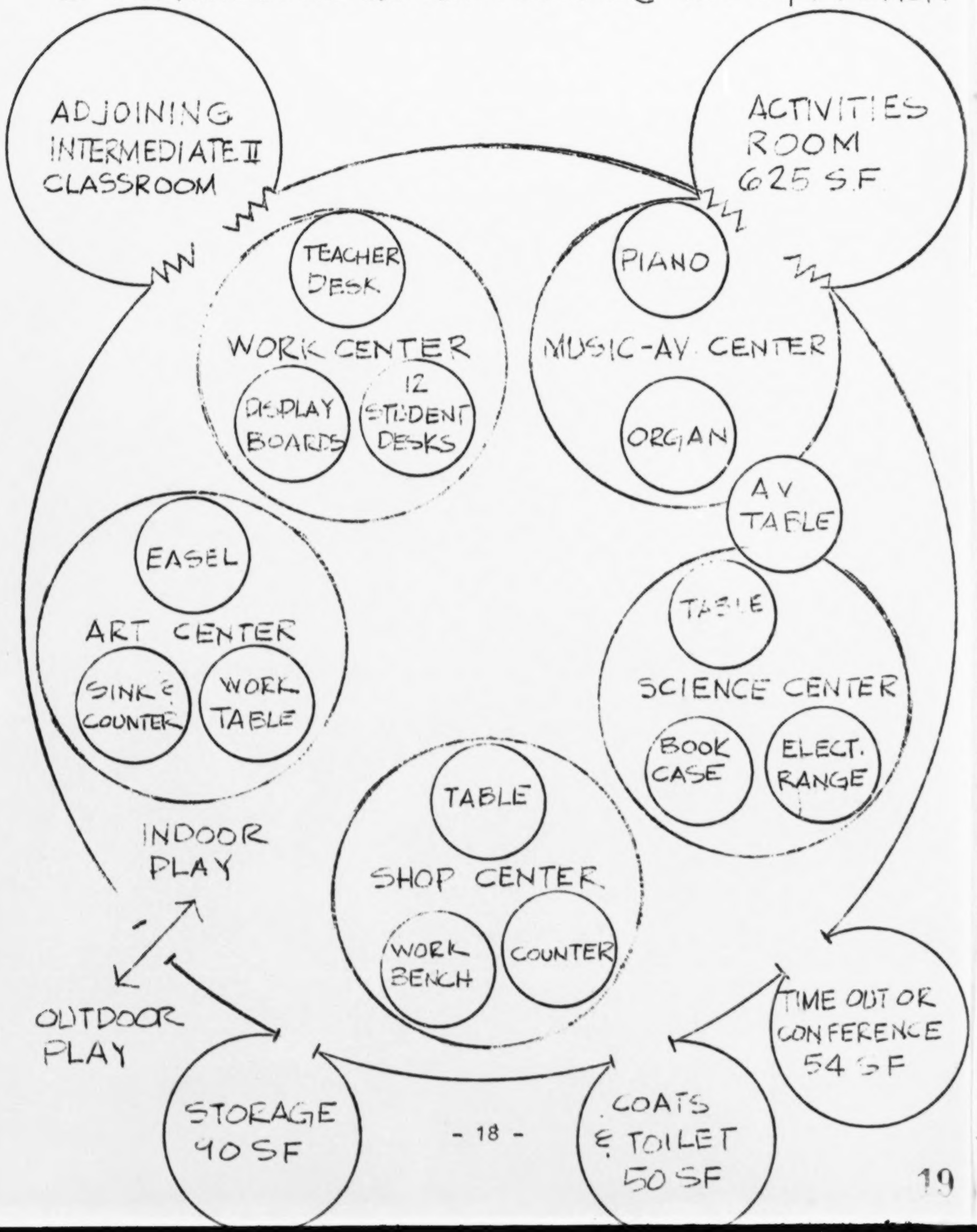
An Activities Room identical in size, structure and use to that for the Primary I and Primary II classrooms will be adjacent to the Intermediate classrooms.

1 sound movie projector
1 movie screen on tripod

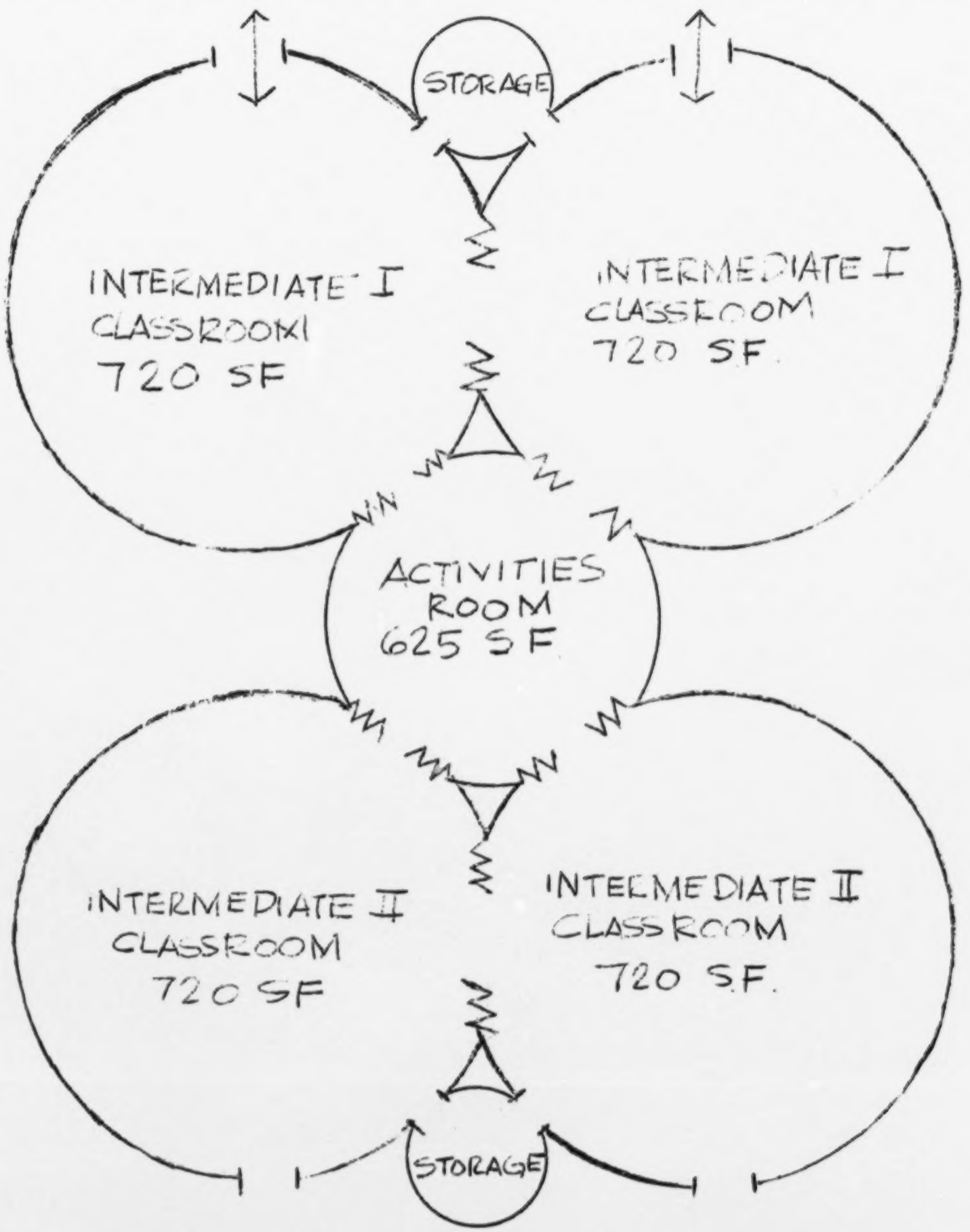
Furniture & Equipment for 2 Intermediate II Rooms

2	chart racks - readiness work centers
2	flannel boards - readiness work centers
24	student chairs - classrooms
2	filing cabinets - closet
4	library tables - classroom
2	flags/holders - wall
2	built-in 6' measuring sticks - wall
2	tape recorders - Music AV center
2	coat rods for hangers - coat closets
2	portable workbenches - shop centers
2	sets tools in cabinets- shop centers
1	slide camera - closet
1	paper cutter - closet
1	radio - closet for Music AV centers
2	tall stools - classrooms
2	pegboard screens - classrooms
1	electric duplicator - closet
	wall thermometers - classroom
1	puppet theater - closet
2	filmstrip previewers - Music AV centers
1	overhead projector - closet
1	filmstrip projector - closet
1	carousel slide projector - closet
1	record cabinet - closet
1	tape cabinet - closet
1	opaque projector - closet
1	bird cage - closet
	kleenex dispensers in wall
24	student desks - work centers
1	teacher desk - classroom
2	projection tables
2	upholstered chairs - classroom
2	stoves (left over from current program's Family Living classrooms) - Science centers
2	easels - art centers
2	bookcases - classroom
2	autoharps - closet
2	small organs - Music AV centers
2	rhythm band sets - Music AV centers
1	piano (share) - Music AV centers
2	work tables - art centers

2 INTERMEDIATE II CLASSROOMS @ 720 SQ FT EACH



INTERMEDIATE PAVILION – 4,356 SQ FT


OUTSIDE TEACHING AND PLAY - INTERMEDIATE I
STORAGE
INTERMEDIATE I CLASSROOM 720 SF
INTERMEDIATE I CLASSROOM 720 SF.
ACTIVITIES ROOM 625 SF
INTERMEDIATE II CLASSROOM 720 SF
INTERMEDIATE II CLASSROOM 720 S.F.
STORAGE
OUTSIDE TEACHING AND PLAY - INTERMEDIATE II

20

E. Pre-Occupational Level

The 13, 14 and 15 year old boys are now in their final phase of preparation and training for a workshop situation. Through reiteration, reinforcement, and expansion of previously acquired skills, they will have, hopefully, reached mastery in many areas by the time they leave our program for the workshop.

To become good citizens in the community, they must have an understanding of our dependence upon other people and our responsibility to other people. They must also be able to get along with fellow workers.

They must have the attitudes conducive to being satisfactory employees (finish a task, work along at a satisfactory pace, etc.) They must have attained some basic practical concepts of measurement, quantities, time and money. They must be able to read public signs. They must be able to hammer, saw, use a screw driver and a bit and brace drill. They must be able to make items such as a bird cage, a book shelf, educational materials (such as: oversized dominoes).

Special Considerations

1. Shop Center

   actual working with tools and planning, designing and making objects

2. Science Center

   where simple experiments are carried out: (a) melting ice (b) magnets (c) care of pets (d) how simple machines work

3. Occupational Center - (each boy pick up workslip from rack on way to occupational station)

   actually engage in correct method of:
   using cleaning aids
   sweeping, carrying boxes, washing windows, using hose on walks and driveways - store and home jobs
   workshop jobs - stacking stakes, stuffing envelopes

running errands -
(a) at home - e.r., going to nearby grocer for a few items
1. money concepts - list made out; enough money given with knowledge of costs and amount of change to be received
2. how to carry bags of groceries
3. come right back from errand

(b) at school
repair work
tightening screws in furniture and equipment
sanding rough spots
painting furniture

4. Music Center

where they will have a piano, autoharp, tonettes, record player, rhythm band instruments, records

5. Library Center

where there are books of high interest level with pictures that are motivating and interesting so as to foster creativity within the boys

6. Arts and Crafts Center

where they can engage in making crafts and in working in various art media.

7. Work Center

where they will work on money concepts, measurements, telling time, reading experience charts and public signs, also other readiness work

8. Audio-visual Center

where they will use a typewriter, record player, overhead projector, tape recorder, filmstrip projector, and sound film projector

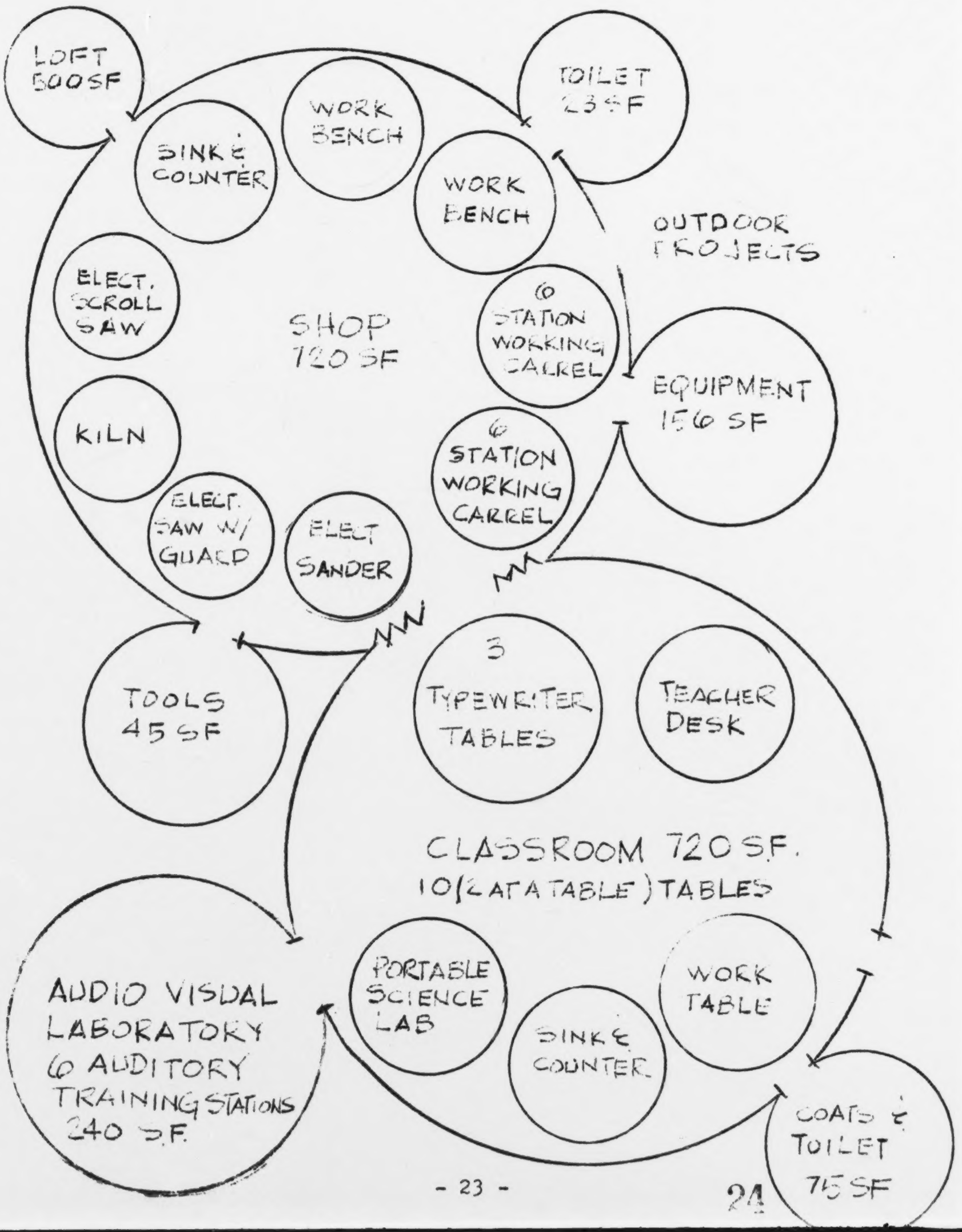
To be included are: sinks, counter space, walk-in closets, adjoining bathrooms.

Furniture & Equipment List for Pre-Occupational Classes

Lab/Shop/Classroom

2	typewriters - classroom
1	electric typewriter/guard - classroom
1	chart rack - classroom
1	portable science lab - classroom
1	filing cabinet - classroom closet
1	all purpose electric scroll saw - shop
1	set tools - "cage" closet
1	portable jig saw - shop
1	portable drill - shop
3	hand lawn mowers - horticulture closet
3	rakes
1	garden hose - 100'
1	time clock -- shop wall
1	shop vacuum cleaner - shop
1	paper cutter - classroom closet
1	8' stationery workbench - shop
1	5' portable workbench - shop
1	electric sander - shop
1	electric saw/guard - shop
1	wall clock with large Primary numbers - classroom
	kleenex dispensers in wall
1	easy to read globe (large) - classroom
1	flag/holder - classroom wall
8	waste baskets - shop & classroom
2	trash cans - shop
	wall thermometers
3	typing tables - classroom
2	filmstrip cabinets - classroom closet
1	record cabinet
1	kiln - shop
1	tape recorder - AV lab
1	record player - AV lab
1	overhead projector
1	carousel slide projector - classroom closet
1	slide camera - classroom closet
1	radio - AV lab
3	filmstrip previewers - AV lab
1	sound movie projector - AV lab
1	electric ball inflator - classroom closet
1	electric duplicator - classroom closet
1	opaque projector - AV lab or closet
1	filmstrip projector - AV lab or closet
6	ear phone sets - AV lab
40	student chairs - class & AV lab
1	teacher desk - classroom
2	upholstered chairs - classroom
2	7½ ft. six-station working carrels - shop
10	table desks (for 2 at a table) - classroom
1	work table - classroom
1	round library table - classroom

PRE-OCCUPATIONAL AREA - 2,100 SQ FT



F. Family Living Level

The 13, 14, and 15 year old girls are, as are the teenage boys, now in their final phase of preparation and training.

Emphasis at this level must be on interdependence of people; on cooperation, initiative, persistence and perseverance; on neatness and preciseness.

The Family Living girls engage in various homemaking occupations such as sewing, food preparation, laundry tasks, cleaning and bedmaking. Each of these tasks involves specific sequential skills.

The class program also includes home improvement jobs such as painting furniture.

Further, they have a program of arts and crafts.

Also they carry on a body care program which includes proper exercise, proper diet, good grooming (shampooing and hair-setting, care of nails, proper choice and care of clothing and accessories).

Some of the specific skills to be mastered are included in these housekeeping tasks.

waxing floors
vacuum cleaning rugs
carpet sweeping rugs
washing wall tile
washing painted walls
washing fixtures
washing windows and mirrors
polishing furniture
cleaning upholstery
washing slipcovers
cleaning lamp shades
dustmopping floors
dusting furniture
cleaning appliances
dishwashing and drying
table setting
dicing vegetables
cutting fruits in sections
spreading butter, peanut butter or jelly, on bread
cutting sandwiches
mixing baking ingredients
stirring, beating recipes
washing, drying, ironing, folding clothes

Special Considerations:

The centers to be considered in the Family Living program are:

1. Simulated Apartment

   there should be a living room, kitchen, bedroom, and bathroom. The walls do not have to go from ceiling to floor but could be site barriers separating rooms. The rooms should be fully furnished, using a variety of textures, surfaces, fixtures, accoutrements

2. Audio-visual Center

   housing all of those pieces of equipment as listed for Pre-Occupational

3. Work Center

   for reading, writing, number skills

4. Science Center

   (a) indoor, outdoor gardening
   (b) pets
   (c) experiment table

5. Occupational Center

   for practice on housekeeping skills

6. Arts and Crafts Center

   for creative and structured production

7. Leisure Time Center

   for looking at books, quiet games

8. Music Center

   include same as for Pre-Occupational

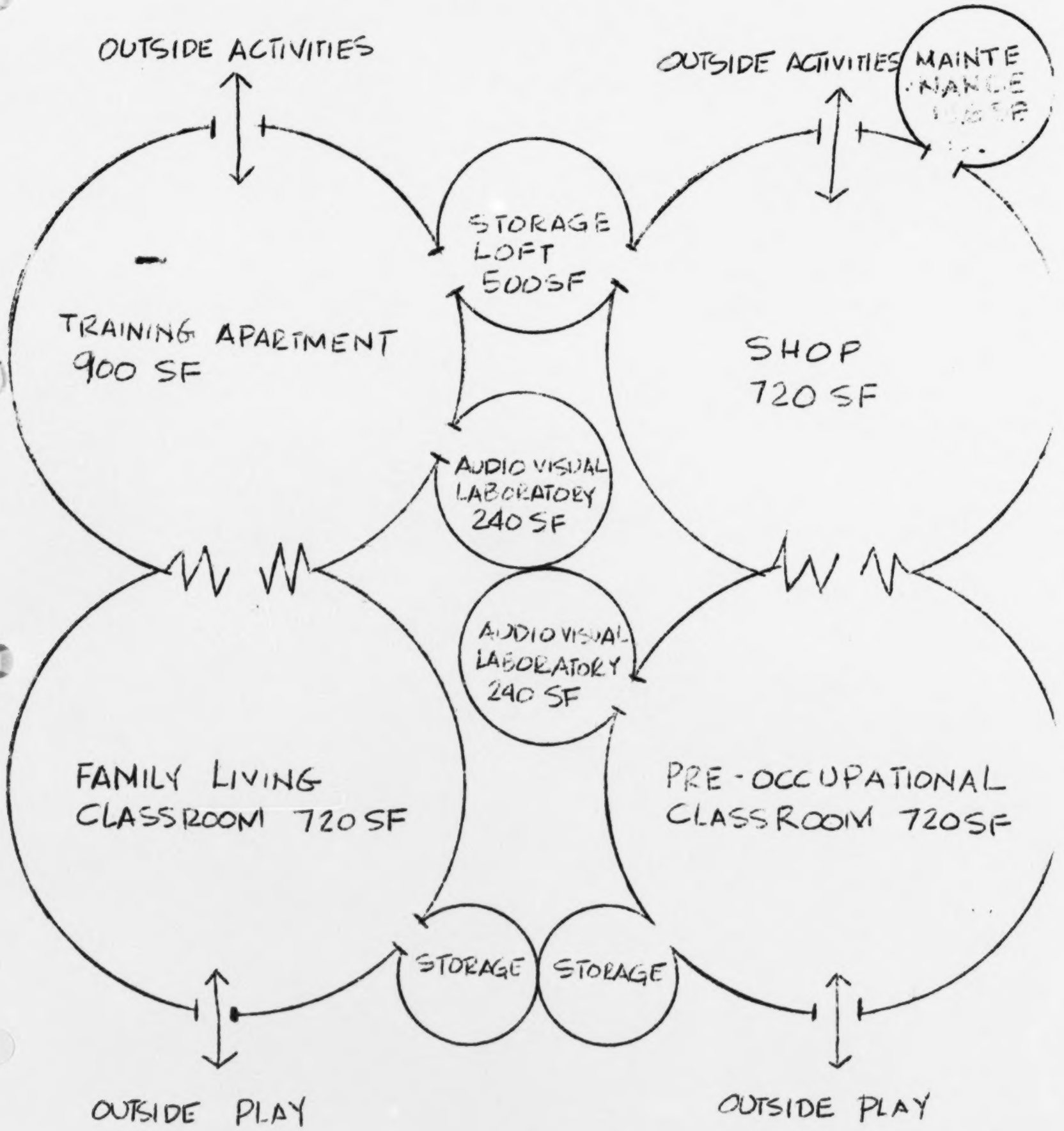
An Activities Room shall be provided for the Pre-Occupational & Family Living classes. Its specifications are explained on the accompanying bubble.

Furniture & Equipment for Family Living

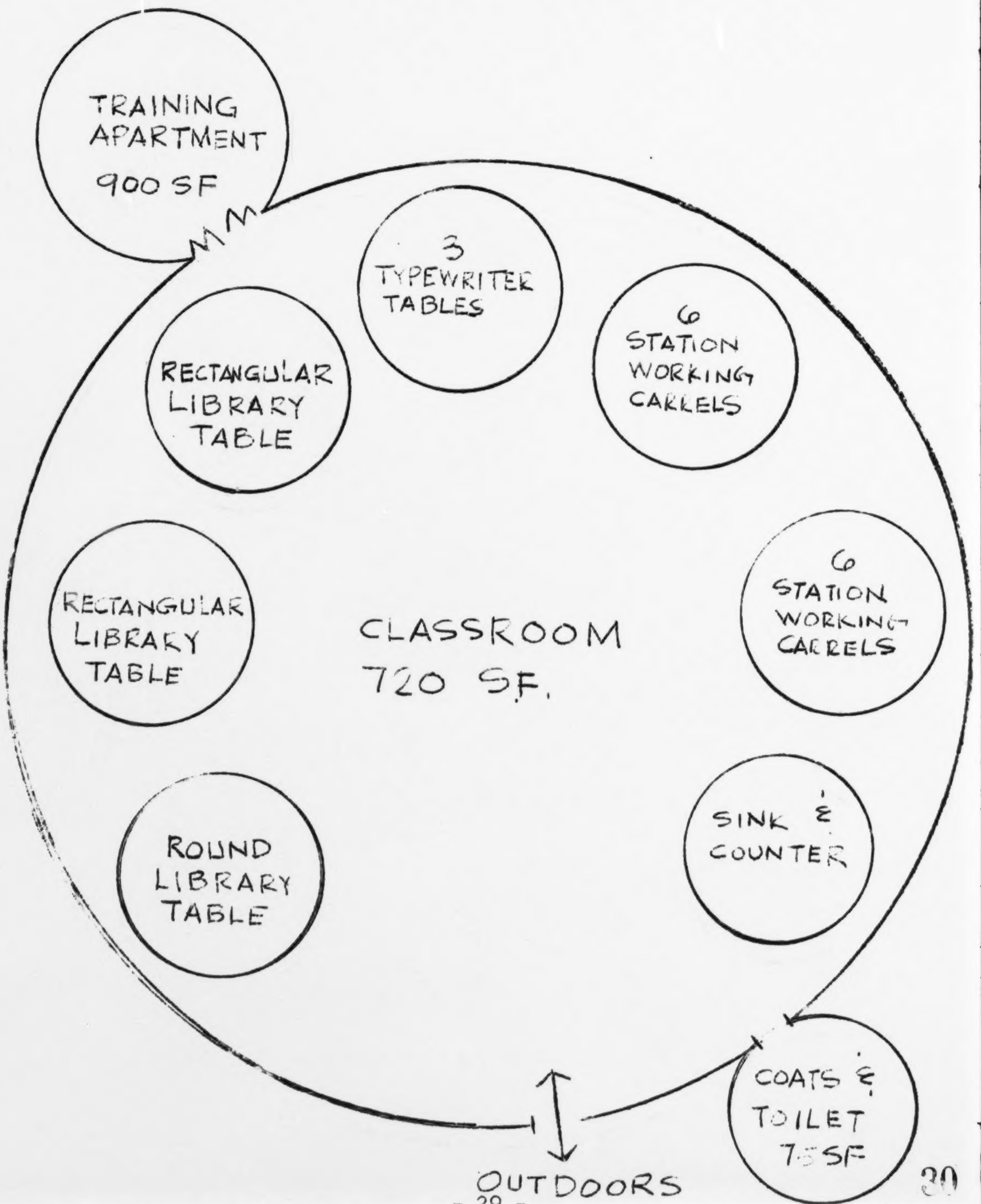
36	tote trays/cabinet - classroom
1	chart rack - classroom
2	typewriters - classroom
1	electric typewriter/guard - classroom
4	sewing machines - sewing area
1	ice cream box and fountainette - kitchen
1	three-sided mirror for dressmaking - sewing area
1	built-in grill - kitchen
1	freezer - kitchen
1	counter-height portable cabinet/extended table - kitchen
1	meat block - kitchen
1	filing cabinet - classroom closet
1	portable dishwasher to insure sterile dishes (although dishwashing skills will be taught daily) - kitchen
1	paper cutter - classroom closet
1	clothes washer - kitchen
1	dryer - kitchen
	dishes - service for 36 - kitchen
	stainless silverware - service for 36 - kitchen
3	sauce pans - kitchen
3	frying pans - kitchen
1	kettle (large) - kitchen
1	double boiler - kitchen
4	cake pans - kitchen
6	bowls - kitchen
	utensils - kitchen
	glasses - service for 36 - kitchen
1	sofa - living room
1	piano - living room
2	end tables - living room
3	typing tables - classroom
2	teenage size mannequins - apartment closet
2	twin beds - bedroom
1	dresser - bedroom
	curtain rods - apartment windows
2	electric irons - kitchen
2	ironing board - kitchen
1	toaster - kitchen
1	electric fryer - kitchen
	thermometer on wall - apartment
8	waste baskets - apartment & classroom
2	trash cans - kitchen & classroom
1	coffee urn - kitchen
1	filmstrip cabinet - classroom closet
1	punch bowl set - kitchen
1	record cabinet - classroom closet
2	tablecloths - dining room
1	dining table - dining room
6	dining chairs - dining room
1	flag/holder - classroom
	kleenex dispensers in wall - bathrooms
1	large print globe - classroom
4	living room chairs

2	sets sheets - bedroom
2	pairs pillowcases - bedroom
2	blankets - bedroom
2	bedspreads - bedroom
1	juice blender - kitchen
1	electric can opener - kitchen
1	electric knife sharpener/scissors sharpener - kitchen
1	range - kitchen
1	vacuum cleaner -apartment closet
1	Bissel sweeper - apartment closet
1	hair dryer on pedestal - bed/bath
1	hairdressing station - bed/bath
1	vanity or dresser - bed/bath
1	manicure table - bed/bath
1	wall clock with large Primary numbers - classroom
1	wall clock - kitchen
1	tape recorder - AV lab
1	record player - AV lab
1	overhead projector - AV lab
1	carousel slide projector - AV lab
1	filmstrip projector - AV lab
1	slide camera - classroom closet
1	radio - classroom closet
2	filmstrip previewers - AV lab
1	sound movie projector - AV lab
1	electric duplicator - classroom closet
1	opaque projector - classroom closet
6	ear phone sets - AV lab
30	student chairs
2	long library tables
1	round library table
2	6-station working carrels

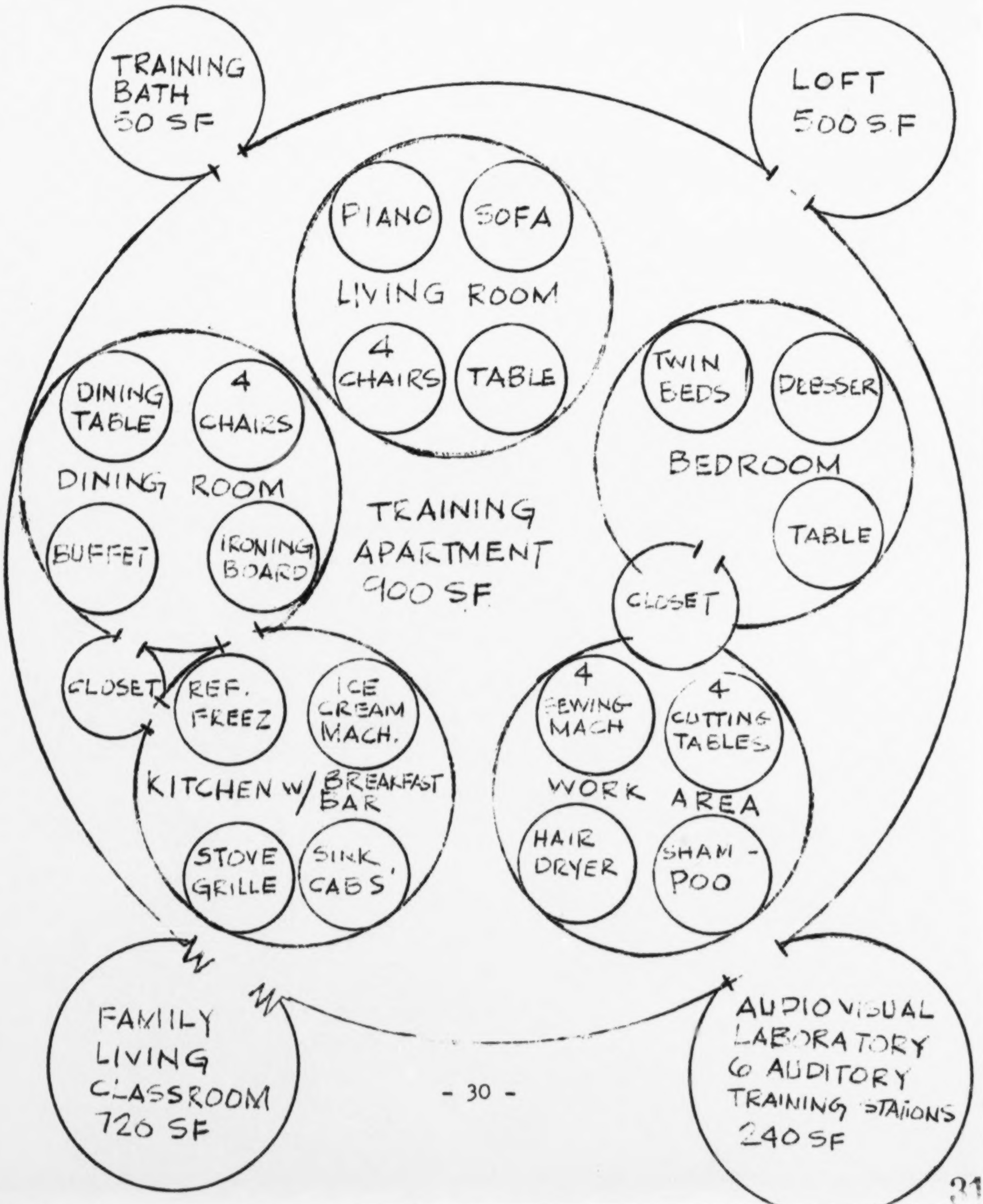
ADVANCED PAVILION 4,856 SQ FT



FAMILY LIVING AREA - 2,256 SQ FT



FAMILY LIVING - TRAINING APARTMENT



DESIGN - CONSTRUCTION

In planning the $378,000.00 Center for Trainable Mentally Retarded children, we shall be concerned with a physical plant, building, grounds, the entire five acres being allocated by the Duval County School Board, which will include a facility adequate in every way to fill the needs of a complete training program for approximately 150 boys and girls, 6 to 16 years of age.

A. Breakdown of the Total Enrollment:

Developmental Level	Approximate Number of Children	Ages
Primary I Groups	16	6
Primary Groups	24	7 , 8
Intermediate I Groups	24	9, 10
Intermediate II Groups	24	11, 12
Pre-Occupational Boys Groups	32	13, 14, 15
Family Living Girls Groups	30	13, 14, 15

Six Groupings of 150 children 6 through 15

B. Proposed Space Consideration

Classroom spaces plus a cafetorium and a small gymnasium adjacent to the cafetorium were specified as well as an administrative suite.

1. Gymnasium

The gymnasium would have specialized equipment so that a full-time physical education instructor may provide a comprehensive physical development program for all of the children assigned to the facility. He or she would work with small groups, approximately ten to fifteen children, at a given time, for, perhaps, 30 minutes a day.

The indoor PE program will include calisthenics, games, dances, relays and use of weights and pulleys, bicycle exercisers and exerows. The outdoor PE program will include use of parallel bars; jumping into and out of tires; walking "stepping stones" and "snail" which have been devised for handicapped children; playing softball, volley ball, tetherball, shuffleboard, hopscotch; crawling through pipelines and tires; relays and games; calisthenics; and all of those physical and motor activities conducive to developing coordination and to building strong bodies.

When the application for the Trainable Mentally Retarded facility was first written in October, 1968, a swimming pool with adjacent locker rooms was included. Although the allocation of funds has been cut by 10% if we are still able to include a pool with the $378,000.00 allocated, we feel that its justification is sound and an integral part of a program for the trainable mentally retarded child.

Physical development is essential to proportionate development in all other areas - insuring growth of the total child. Therefore, the Trainable Mentally Retarded program will incorporate all phases of physical stimulation, exercise, therapy and recreation necessary to this total growth. Swimming, as agreed upon by the experts in the field of physical education and exceptional child education, contributes development, success and satisfaction that no other physical exercise can give to the child. It is a "must" for a comprehensive program. By including a swimming tank in our physical plant, we will be able to provide an oft-neglected area of development for the trainable mentally retarded child.

2. Cafetorium

The cafetorium will provide luncheon service to the 150 children. There will be eight tables to serve ten children at a time so that all children can be fed in two sittings. The food will be sattelited from another school so only a small serving kitchen will be needed for preparing the trays of food. The food serving specifications, as determined by the supervisor of cafeterias, are explained on the appropriate bubble. There will be custodial storage in this area of the physical plant.

The cafetorium will also provide space for the total assemblage of enrollment for varied types of programs. It is also planned that the building will serve parents for meetings and other assemblies. A carpeted well will seat 90 children and the two carpeted benches (used as room barriers to give the impression of a division between cafeteria and auditorium) will seat 24 people. One hundred folding chairs will be available for additional seating. The stage will be on same level as cafeteria and gymnasium. There will be a walk-in storage area.

The cafetorium - gymnasium is a multi-purpose room. The folding cafeteria tables can be removed if need be for an Open House, a Fair, or other large assemblage. Also the gymnasium mats hang on the walls when not in use and the 5 pieces of physical development equipment can be removed to make more space available.

Furniture and Equipment for Gymnasium and Cafetorium

4	mats (hang on wall)
3	bicycle exercisers
2	exerows
2	weight and pulleys sets (attached to wall)
2	cafeteria tables
100	folding chairs
1	piano
1	lecturn with microphone

Equipment for Serving Kitchen

3	20 gallon trash cans
1	cold box
1	47 cubic ft. refrigerator

3. The classroom spaces will provide comprehensive programs as explained in the secion "Program"

4. Administrative Suite

The administrative suite shall consist of a reception area and office shared by the school clerk and bookkeeper. Adjacent to this office will be a file room which will house all of the school records and also store office supplies. There shall be an office for the coordinator of the program, where she may carry on her coordinating duties and also confer with two to five people at a given time. A meeting room shall serve dual purpose - providing space for planned meetings of up to 30 people or for a teachers' lounge. This room will also provide closed circuit TV to observers of classroom programs.

Office space shall be provided for a social worker, a nurse and a part-time physician. Office space shall also be provided for a psychologist and a language pathologist, with a testing room for them to share.

There shall be bathroom facilities for the professional staff and for custodial workers.

There shall be lockers and shower rooms and bathrooms adjacent to the indoor swimming pool.

C. Overall Considerations:

1. central heating and air-conditioning (thermostats in each room for control)

2. lighting - varied for specific tasks, occupations, uses

3. ventilation - windows; some at eye level - some above eye level

4. varied entrances and exits: ramps, steps

5. covered walk ways

6. inter-com system

7. "easy-to-take" fire alarm system - not shrill

8. variety of door latches

9. true-to-life corners, etc. (not rounded)

10. telephones

11. wide doors - outside and between rooms

12. bathrooms for each classroom

13. showers, lockers

14. walk-in closets

15. custodial storage

16. serving kitchen - small pantry for condiments

17. playground areas geared to meet the needs of each level of development - some immediately adjacent to classrooms, others farther from building where there will be large stationery playground equipment.

18. closed circuit TV with monitors in the meeting room of the administrative suite "plugging in" to any specific classroom at a given time - one to several people could observe in this manner.

19. ear phone connections provided in electrical system for Pre-Occupational boys and Family Living girls to have individual AV "sessions" as part of a planned program or during leisure time.

20. one-way vision windows into testing room located between and connected to the psychologist's office and the language pathologist's office - this room could even be "borrowed" by a teacher and child if it were desirable to have the child's performance observed.

21. a small room adjacent to each Primary and Intermediate classroom where a child may have time out to "adjust his tolerance level" if he is having a difficult day; room may also be used by the classroom teacher for a parent conference - will need to have glass in door or wall so child in room can be seen at all times by teacher.

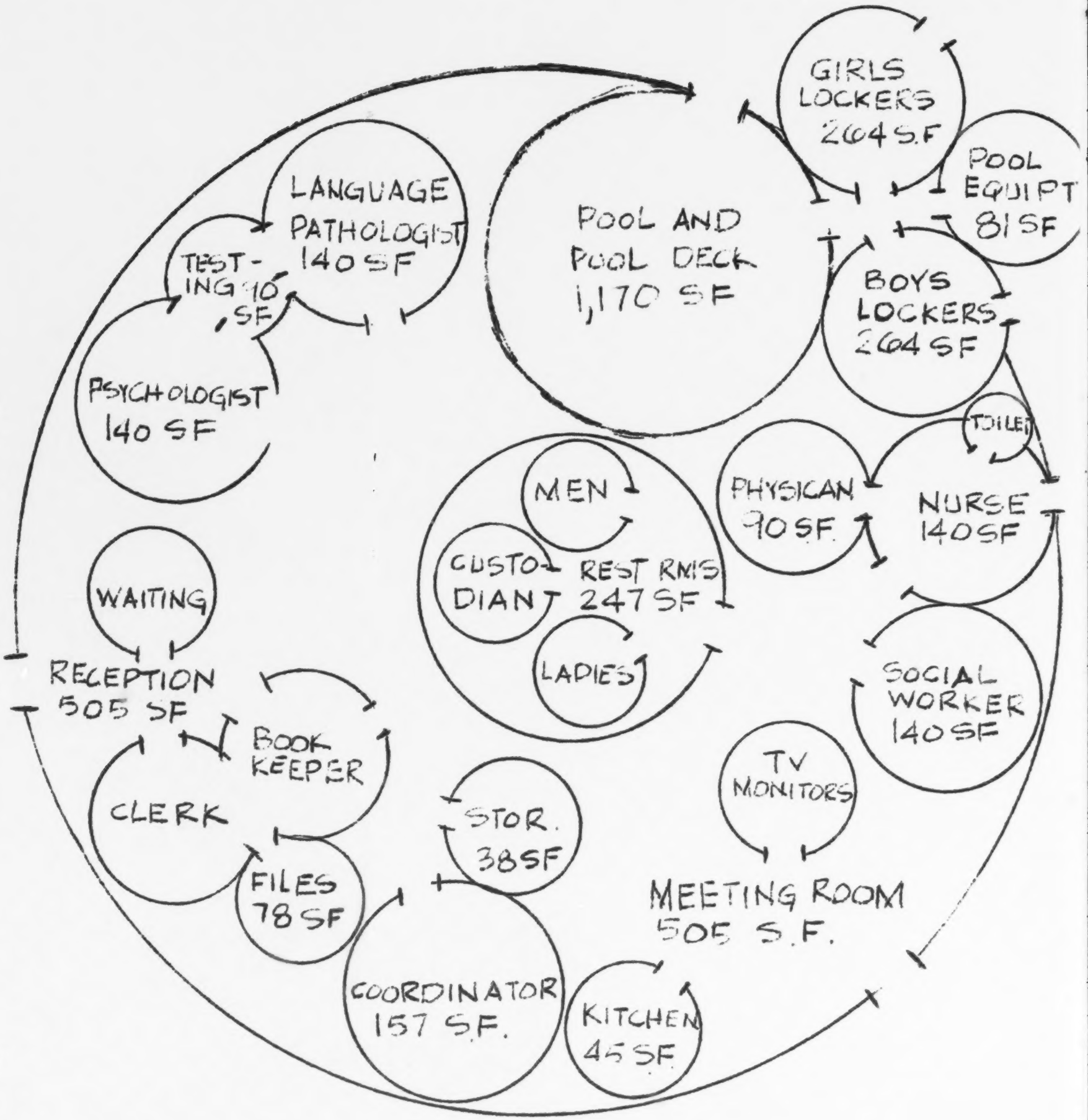
22. Activities room for Pre-Occupational boys and Family Living girls to be called Audio-visual lab providing individual and group auditory and perception training stations.

Furniture and Equipment for Administrative Suite

6	executive desks
6	executive chairs
15	upholstered straight chairs
2	secretarial desks
2	typewriter desk attachments
2	office chairs (swivel, upholstered)
2	2-seat sofas
1	upholstered arm chair
1	lamp table
1	table lamp
1	wall mirror
8	desk lamps
14	filing cabinets
4	8' plastic top (formica) tables
30	white swivel upholstered chairs
1	electric stencil machine
1	electric duplicator
1	projection stand
1	filmstrip projector
1	carousel slide projector
1	radio
1	t. v.
2	bookcases
1	wide carriage typewriter
2	electric typewriters
1	copier machine
1	calculator
1	dictionary holder
1	magazine rack
1	large stapler
1	coffee urn
30	cups and saucers
1	sugar and creamer
36	stainless teaspoons
	monitors for closed circuit t. v.
2	clinic cots
1	utility stand for nursing supplies
1	portable blackboard/bulletin board
1	double door steel cabinet
1	flag for flag pole
8	desk files
8	sets of bookends
12	letter baskets

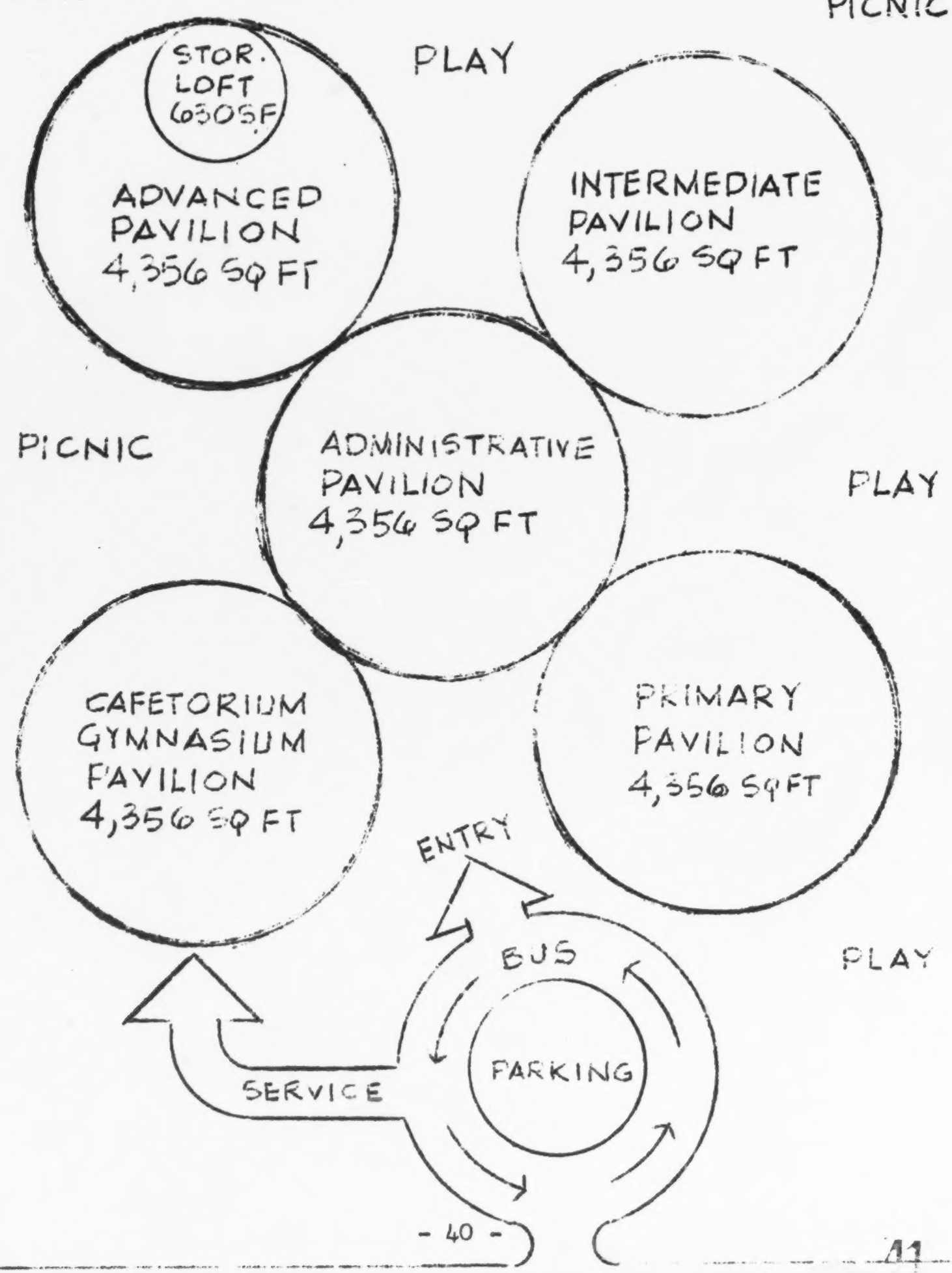
1	5' ladder
1	extension ladder
1	floor machine
10	mop wringer outfits
2	custodial floats
2	wheelbarrows

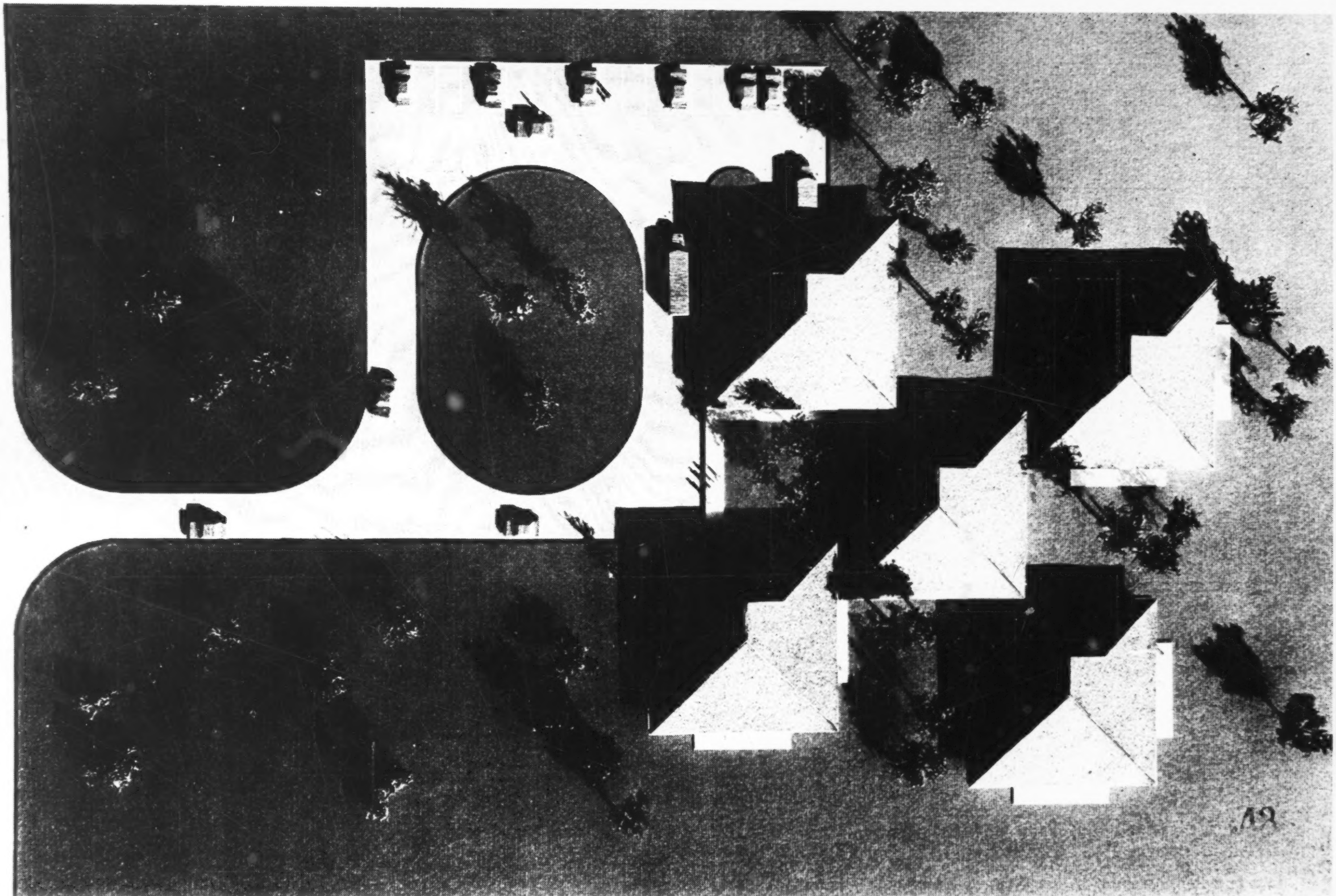
ADMINISTRATIVE PAVILION 4,356 SQ FT

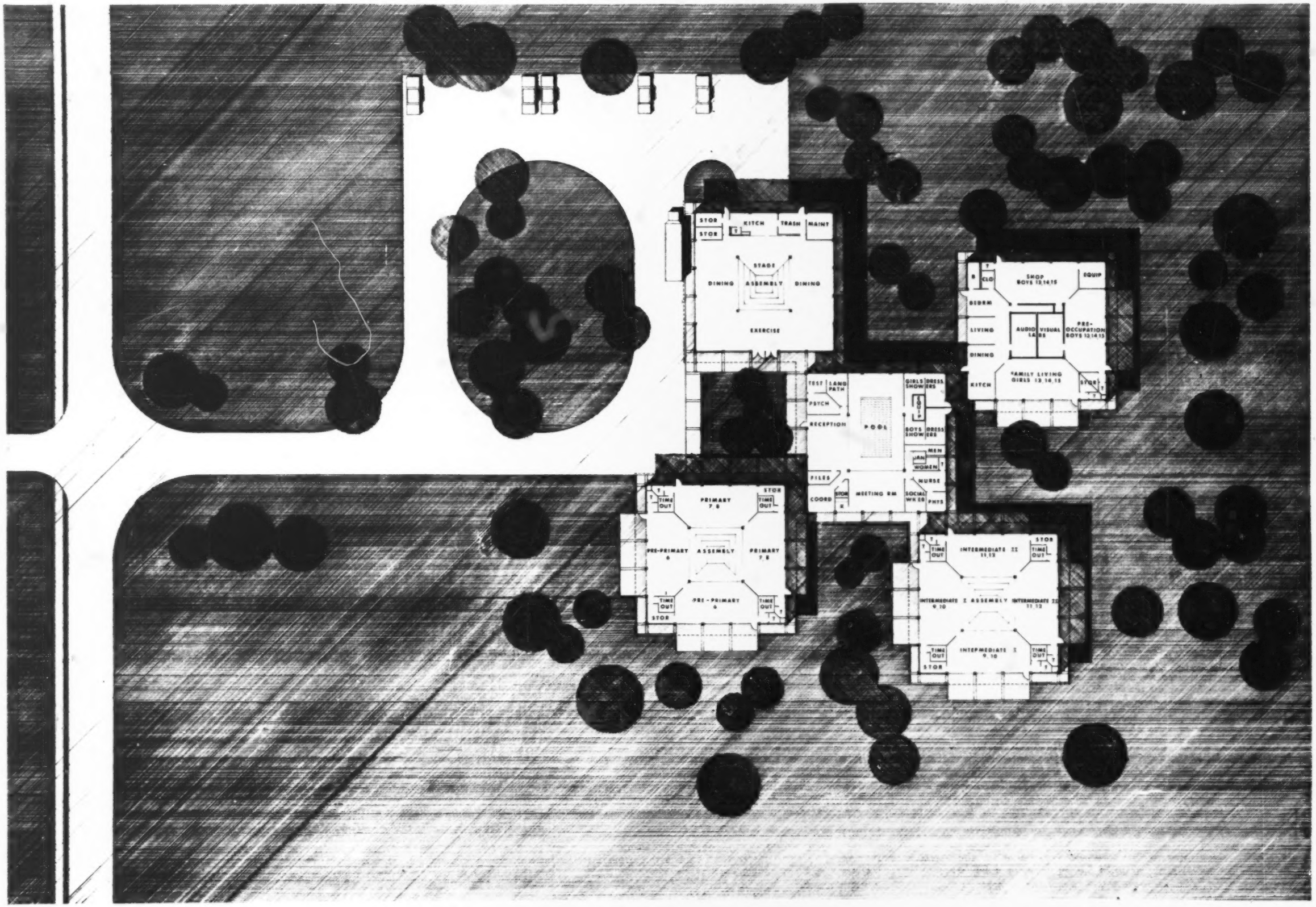


CAFETORIUM / GYMNASIUM PAVILION 4,356 SQ FT.

TMR FACILITY 22,410 SQ FT







TRAINABLE MENTALLY RETARDED CHILD FACILITY • PUBLIC SCHOOL 170

for The Duval County School Board. Duval County, Florida

Dr. Cecil D. Hardesty, Superintendent of Schools

Members of the Board:

Charles R. Bassett, Chairman
Cecil H. Jones, Vice-Chairman
William E. Carter
Carl C. McAllister, jr.
Mrs. Richard L. Miller
Robert V. Storey
Don R. Wells

William Morgan, AIA, Architect: Jacksonville, Florida

20 Oct 1969

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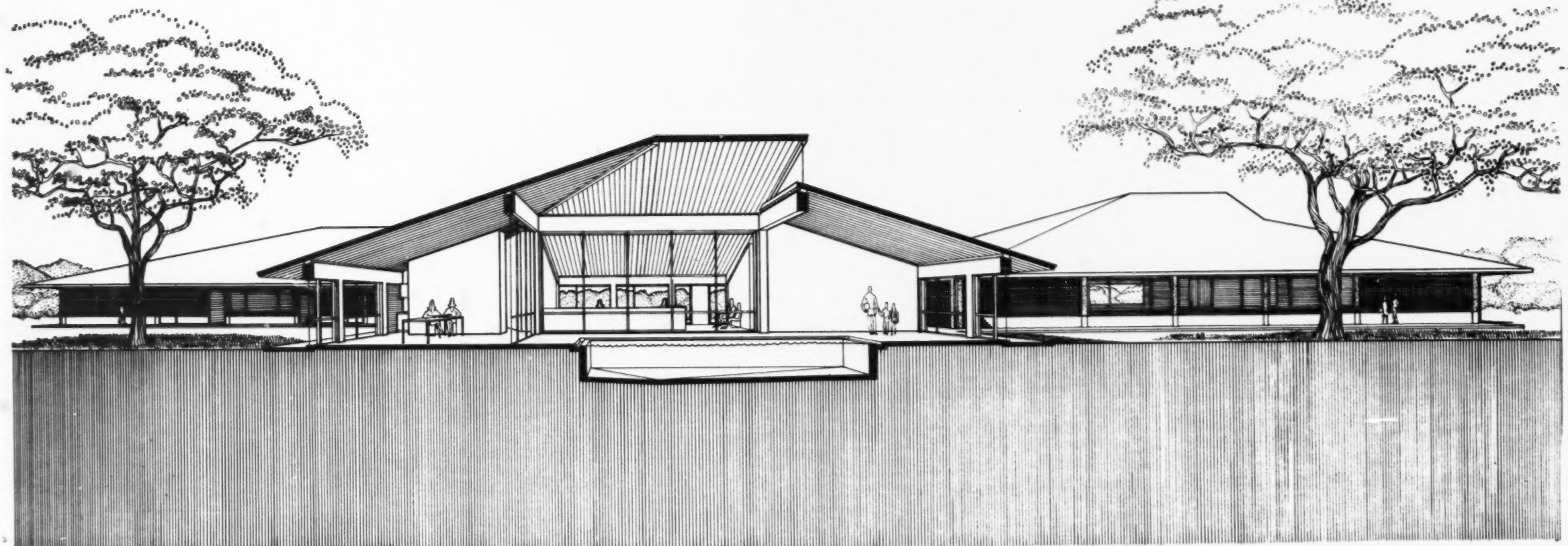

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